

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/560,268
Source: IFWP
Date Processed by STIC: 9/8/06

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IFWP

RAW SEQUENCE LISTING

DATE: 09/08/2006

PATENT APPLICATION: US/10/560,268

TIME: 13:52:06

Input Set : A:\pto.da.txt

Output Set: N:\CRF4\09082006\J560268.raw

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3 <110> APPLICANT: Kleinschmidt, Jorgen
4      Muller, Oliver
6 <120> TITLE OF INVENTION: Improved AAV vector for gene therapy
8 <130> FILE REFERENCE: 03528.0149.PCUS00
10 <140> CURRENT APPLICATION NUMBER: 10/560,268
11 <141> CURRENT FILING DATE: 2005-12-09
13 <150> PRIOR APPLICATION NUMBER: EP 03 013 169
14 <151> PRIOR FILING DATE: 2003-06-11
16 <160> NUMBER OF SEQ ID NOS: 7
18 <170> SOFTWARE: PatentIn version 3.2
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21 <211> LENGTH: 24
22 <212> TYPE: DNA
23 <213> ORGANISM: Artificial sequence
25 <220> FEATURE:
26 <223> OTHER INFORMATION: Chemically synthesised
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38 <223> OTHER INFORMATION: Chemically synthesised
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46 <212> TYPE: DNA
47 <213> ORGANISM: Artificial sequence
49 <220> FEATURE:
50 <223> OTHER INFORMATION: Primer
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57 <211> LENGTH: 20
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61 <220> FEATURE:
62 <223> OTHER INFORMATION: Primer
64 <400> SEQUENCE: 4
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68 <210> SEQ ID NO: 5

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69 <211> LENGTH: 20

70 <212> TYPE: DNA

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80 <210> SEQ ID NO: 6

81 <211> LENGTH: 20

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86 <223> OTHER INFORMATION: Primer

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92 <210> SEQ ID NO: 7

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94 <212> TYPE: PRT

95 <213> ORGANISM: adeno-associated virus 2

97 <400> SEQUENCE: 7

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100 1 5 10 15

103 Leu Ile Asp Gln Tyr Leu Tyr Tyr Leu Ser Arg Thr Asn Thr Pro Ser

104 20 25 30

107 Gly Thr Thr Thr Gln Ser Arg Leu Gln Phe Ser Gln Ala Gly Ala Ser

108 35 40 45

111 Asp Ile Arg Asp Gln Ser Arg Asn Trp Leu Pro Gly Pro Cys Tyr Arg

112 50 55 60

115 Gln Gln Arg Val Ser Lys Thr Ser Ala Asp Asn Asn Asn Ser Glu Tyr

116 65 70 75 80

119 Ser Trp Thr Gly Ala Thr Lys Tyr His Leu Asn Gly Arg Asp Ser Leu

120 85 90 95

123 Val Asn Pro Gly Pro Ala Met Ala Ser His Lys Asp Asp Glu Glu Lys

124 100 105 110

127 Phe Phe Pro Gln Ser Gly Val Leu Ile Phe Gly Lys Gln Gly Ser Glu

128 115 120 125

131 Lys Thr Asn Val Asp Ile Glu Lys Val Met Ile Thr Asp Glu Glu Glu

132 130 135 140

135 Ile Arg Thr Thr Asn Pro Val Ala Thr Glu Gln Tyr Asp Ser Val Ser

136 145 150 155 160

139 Thr Asn Leu Gln Arg Gly Asn Arg Gln Ala Ala Thr Ala Asp Val Asn

140 165 170 175

143 Thr Gln Gly Val Leu Pro Gly Met Val Trp Gln Asp Arg Asp Val Tyr

144 180 185 190

147 Leu Gln Gly Pro Ile Trp Ala Lys

148 195 200

VERIFICATION SUMMARY

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